

Abstract

ABSTRACT OF THE DISCLOSURE

~~In order, in a deflection chamber (1) for eliminating~~ To eliminate water
in a fresh air supply system of a motor vehicle, ~~[[which]]~~ a deflection
5 chamber has, in ~~[[the]]~~ a mounted state, a high-level inlet port ~~[[2]]~~, an
outlet port ~~[[3]]~~ disposed essentially at a right angle thereto and a
drainage bottom ~~[[4]]~~ situated, in the mounted state, below the inlet
port, for the collection and evacuation of ~~water, to~~ water. ~~To~~ prevent
the bursting of water droplets separated from the air and the formation
10 of spray mist, the steeply rising lamellae of the deflection chamber are
disposed such that the lamellae ~~[[5-9]]~~, in the free cross section
between inlet port ~~[[2]]~~ and drainage bottom ~~[[4]]~~, are aligned at an
acute angle to the direction of arrival ~~[[A]]~~ of the water droplets and
fully cover the drainage bottom ~~[[4]]~~ in the direction of arrival ~~[[A]]~~.

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~~(fig. 1)~~